

C8
4. (Amended) The electrode of claim 1, wherein the adhesion promoting interlayer has a thickness of approximately 10-1,000 nm.

C9
15. (Amended) A gas discharge device comprising a sealed chamber containing at least one noble gas and a plurality of spaced electrodes, at least one electrode comprising a first electrode material, an adhesion-promoting layer disposed on at least one surface of the first electrode material, and a layer of pre-formed nanostructure-containing material comprising at least one of nanotubes and nanorods disposed on at least a portion of the adhesion-promoting layer.

C10
39. (Amended) A lighting device comprising a sealed chamber containing an excitable gas and at plurality of spaced electrodes, at least one of said electrodes comprising a first electrode material, an adhesion-promoting layer disposed on at least one surface of the first electrode material, and a layer of pre-formed nanostructure-containing material comprising at least one of nanotubes and nanorods disposed on at least a portion of the adhesion-promoting layer.

C11
42. (Amended) A method of providing a gas discharge device with smaller variances in mean breakdown voltage, increased breakdown reliability, smaller electron emission turn-on requirements, and stable electron emission at high current density, the gas discharge device comprising a sealed chamber containing at least one noble gas and a plurality of spaced electrodes, the method comprising:

applying an adhesion-promoting layer to a surface of at least one of the plurality of electrodes; and

applying a layer of pre-formed nanostructure-containing material comprising at least one of nanotubes and nanorods on to at least a portion of the adhesion-promoting layer.

Please add the following new claims 52-59:

52. (New) A device comprising an electrode, the electrode comprising a first electrode material, an adhesion promoter, and a pre-formed nanostructure-containing material comprising at least one of nanotubes and nanorods.

53. (New) The device of claim 52, wherein the nanostructure-containing material comprises carbon nanotubes.

54. (New) The device of claim 52, wherein the carbon nanotubes comprise single-walled carbon nanotubes.

55. (New) The device of claim 52 wherein the electrode is annealed.

56. (New) The device of claim 52, wherein the device comprises a gas discharge device.